

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BACHMANN et al.

Appl. No. 10/622,124

Filed: July 18, 2003

For: **Ghrelin-Carrier Conjugates** Art Unit:

To be assigned

Examiner: To be assigned

Atty. Docket: 1700.0340001/BJD/SJE

Information Disclosure Statement

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of documents AL1 to AM3, and AR1 to AR80 is provided.

Copies of documents AA1 to AJ2 are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003."

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language document AT37 cited on Form PTO 1449:

Document AT37, Kozlovskaya, T.M., et al., "Formation of capsid-like structures as a result of the expression of a cloned envelope protein gene from RNA-containing bacteriophage fr," Dokl. Akad. Nauk. SSSR 287:452-455 (1986), is in the Russian language. An unverified English language abstract (from STNEasy/CAplus) is attached as Document AR38.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the

effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants Registration No. 42,473

Date: Sept. 29, 2003

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Atty. Docket: 1700.0340001/BJD/SJE

First Supplemental Information Disclosure Statement

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. This First Supplemental Information Disclosure Statement is supplemental to Applicants' Information Disclosure Statement (IDS) filed herewith. A copy of each of these documents is provided.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following concise explanation of the relevance of the non-English language document, Document AP3 cited on Form PTO-1449:

Document AP3, WO 94/06472 A1, is in the French language. The relevance of Document AP3 can be ascertained by reference to the English language abstract appearing therein, and an unverified English language abstract attached as Document AR94.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

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This First Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants

Registration No. 42,473

Date: Sept. 29, 2003

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1700.0340001/BJD/SJE	APPLICATION NO. 10/622,124
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APPLICATION NO. 10/622,124

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BACHMANN et al.

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	AR	Gilbert, S.C., et al., "A protein particle vaccine containing multiple malaria epitopes," Nat. Biotechnol. 15:1280-1284, Nature America Publishing (1997)								
	AS	<u>85</u>	antitumor imm	Greenstone, H.L., et al., "Chimeric paillomavirus virus-like particles elicit antitumor immunity against the E7 oncoprotein in an HPV16 tumor model," Proc. Natl. Acad. Sci. USA 95:1800-1805, National Academy Press (1998)						
	AT	<u>85</u>	Hahn, C.S., et al., "Infectious Sindbis virus transient expression vectors for studying antigen processing and presentation," <i>Proc. Natl. Acad. Sci. USA</i> 89:2679-2683, National Academy Press (1992)							
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	Hui, E. K-W. et al., "Hepatitis B viral core proteins with an N-terminal extension can assemble into core-like particles but cannot be enveloped," J. Gen. Virol. 80:2647-2659, Society for General Microbiology (1999)							rminal loped," J.		
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	АТ	Ikram, H., and Prince, A.M., "A method for coupling the Hepatitis B surface antigen to aldehyde-fixed erythrocytes for use in passive hemagglutination," J. Virol. Methods 2:269-275, Elsevier/North-Holland Biomedical Press (1981)										
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	AT 88 Minenkova, O.O., et al., "Design of specific immunogens using filamentous phases the carrier," Gene 128:85-88, Elsevier Science Publishers B.V. (1993)							mentous phage (1993)
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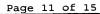
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	Petrenko, V.A., et al., "A library of organic landscapes on filamentous phage, Protein Engin. 9:797-801, Oxford University Press (1996)									
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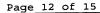
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ATTY. DOCKET NO. 1700.0340001/BJD/SJE

APPLICATION NO. 10/622,124

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APPLICATION NO. 10/622,124

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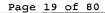
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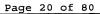
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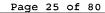
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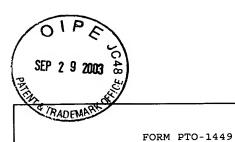
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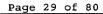
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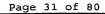


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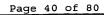
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APPLICATION NO. 10/622,124

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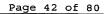
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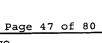
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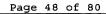
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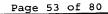
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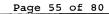
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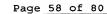
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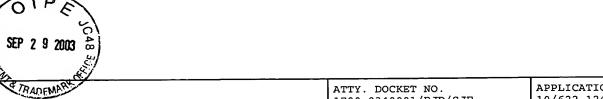
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	AS	70	Visintin, M. et al., "Selection of antibodies for intracellular function using two-hybrid in vivo system," Proc. Natl. Acad. Sci. USA 96:11723-11728, Nationa Academy Press (1999)							ion using a
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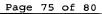
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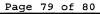
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